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Solargiga Energy

Solargiga Energy

In Time, We Trust.

About Us

Founded in 2000, Solargiga Energy is a well-known photovoltaic company. Listed on the HKEX in 2008 (00757.HK), Solargiga Energy integrates R&D, production, sales & marketing, and system application of PV modules. We employ more than 2,000 staff worldwide and have production bases in Jinzhou (Liaoning) and Yancheng (Jiangsu). Our Marketing & Operation Center is located in Suzhou (Jiangsu), and we have also set up a Beijing office. Our business footprint covers major PV markets around the globe. We are committed to providing global customers with high-quality PV products, technical support, after-sales services & solutions, and promoting the development of the clean energy industry.

Forging Ahead

with power unleashed

A Journey of 26 Years

Solargiga Energy was founded in 2000 and is performing as one of the most reliable industry partners.

10.2GW Module Capacity

Solargiga has set up production bases in Jinzhou, Liaoning and Yancheng, Jiangsu.

400+ National Patents

A strategic focus on maintaining momentum through R&D and innovation have brought Solargiga more than 400 national patents to date.

Advanced Productivity Accounts for 90%

With the commissioning of the phase II facility of Yancheng factory, our advanced productivity account over 90% in 2021.

Business Footprint in 30+ Countries and Regions

We expand our marketing&sales network globally to over 30 countries & regions including Japan, Germany, South Korea, Vietnam, Thailand, Mongolia, Malaysia, the Philippines, Pakistan, Swiss, Sweden, and Afghanistan.

Marching forward

towards a promising future

2000
Solargiga Energy was officially established

2005
Founding of Jinzhou Yangguang Energy Co., Ltd.

2006
Start of PV cell manufacturing

2007
Start of PV system integration business

2008
Listing Solargiga Energy Holdings Limited on HKEX
Stock Code: 00757.HK

2009
Start of PV module manufacturing

2015
One of the initial suppliers of National Top Runner projects

2016
Set-up of Japan Office

2018
MIIT National Green Factory Certification -Jinzhou Factory

2019
Founding of Jiangsu Yueyang Photovoltaic Technology Co., Ltd.
Scaling-up of advanced module productivity

2021
Establishing Jiangsu New Sunshine Zhiding Technology Co., Ltd.
Starting the BIPV Business Establishing Suzhou Branch
Amlifying the Sales&Marketing&Operating framework
Advanced Production Capacity Over 90%

2023
Establishing Beijing Office
Establishing Australian office

2024
MIIT National Green Factory Certification -Jiangsu Yueyang Factory

2025
Solargiga Inaugurates New Smart PV Research Institute

Awards and Honors

Gaining widespread recognition

NO.92 Global Top 100 Most Competitive New Energy Enterprises

NO.189 2022 Global Top 500 New Energy Enterprises

NO.297 2022 Top 500 Chinese Energy Enterprises

NO.12 2022 Top 20 Chinese PV Module Enterprises

NO.19 2022 Top 20 Chinese PV Enterprises

NO.33 2023 Global Top 100 PV Enterprises

NO.60 2023 Top 100 Chinese PV Brands

Top 15 New Energy Player in 10th Top 100 Hong Kong Listed Companies

- National Green Factory
- National High-Tech Enterprise
- National Charity Enterprise Award
- Asian PV Innovation Award
- National Intelligent PV Pilot Demonstration Enterprise
- National Intellectual Property Advantage Enterprise
- National Harmonious Labor Relations Model Enterprise
- National 5G-Powered Factory

- Member of the Standardization Technical Committee of China Photovoltaic Industry Association
- Member of the First Session of Household Photovoltaic Professional Committee
- Executive Member of China Electronic Materials Industry Association
- Vice Chairman of Semiconductor Materials Branch of China Electronic Materials Industry Association
- Expert Member of Photovoltaic Special Committee, China Renewable Energy Society
- Main Drafter of the Standards of China Quality Certification Center
- Vice Chairman of China Photovoltaic Industry Association
- Best Double-glass Module Supplier Award at China PV Top-runner Innovation Forum

Productivity layout

Steady expansion

Modules

2026 10.2GW

Make Manufacting Intelligent

Automated Production Lines

Solargiga Energy's fully automated, cutting-edge production lines are compatible with 182/210mm modules among others and have been equipped with comprehensive automated testing technologies that facilitate the transition to intelligent manufacturing.

Real-time Data Management

Our innovative ERP platform enables real-time interaction, planning, execution, reporting, and CNAS-certified laboratories share product test data and allow for the mutual recognition of test results.

Whole-Process Quality Control

Solargiga's quality control system has obtained ISO9001, ISO45001, and ISO14001 certifications and spans the entire production process to ensure that module development and process quality management govern every step affecting product quality, building a quality control system unique to Solargiga.

Global Footprint

We have set up offices in China, Japan, Germany, and Australia to realize the leap into globalization.

Our products and services are available in more than 30 countries and regions, including Japan, Germany, South Korea, Vietnam, Thailand, Mongolia, Malaysia, the Philippines, Pakistan, Switzerland, Sweden, and Afghanistan.

Headquarters

Marketing Teams

Offices/Production Bases

Product Matrix

GIGA-GUARD: For Large Power Station

A steadfast sentinel against time and elements, securing the longevity of your utility-scale assets with unyielding reliability.

GIGA-SOLID: For Commercial & Industrial / DG

The bedrock of commercial energy, striking a precise equilibrium between structural pragmatism and efficient returns for a rock-solid investment.

GIGA-AURA: For High-End Residential / BIPV

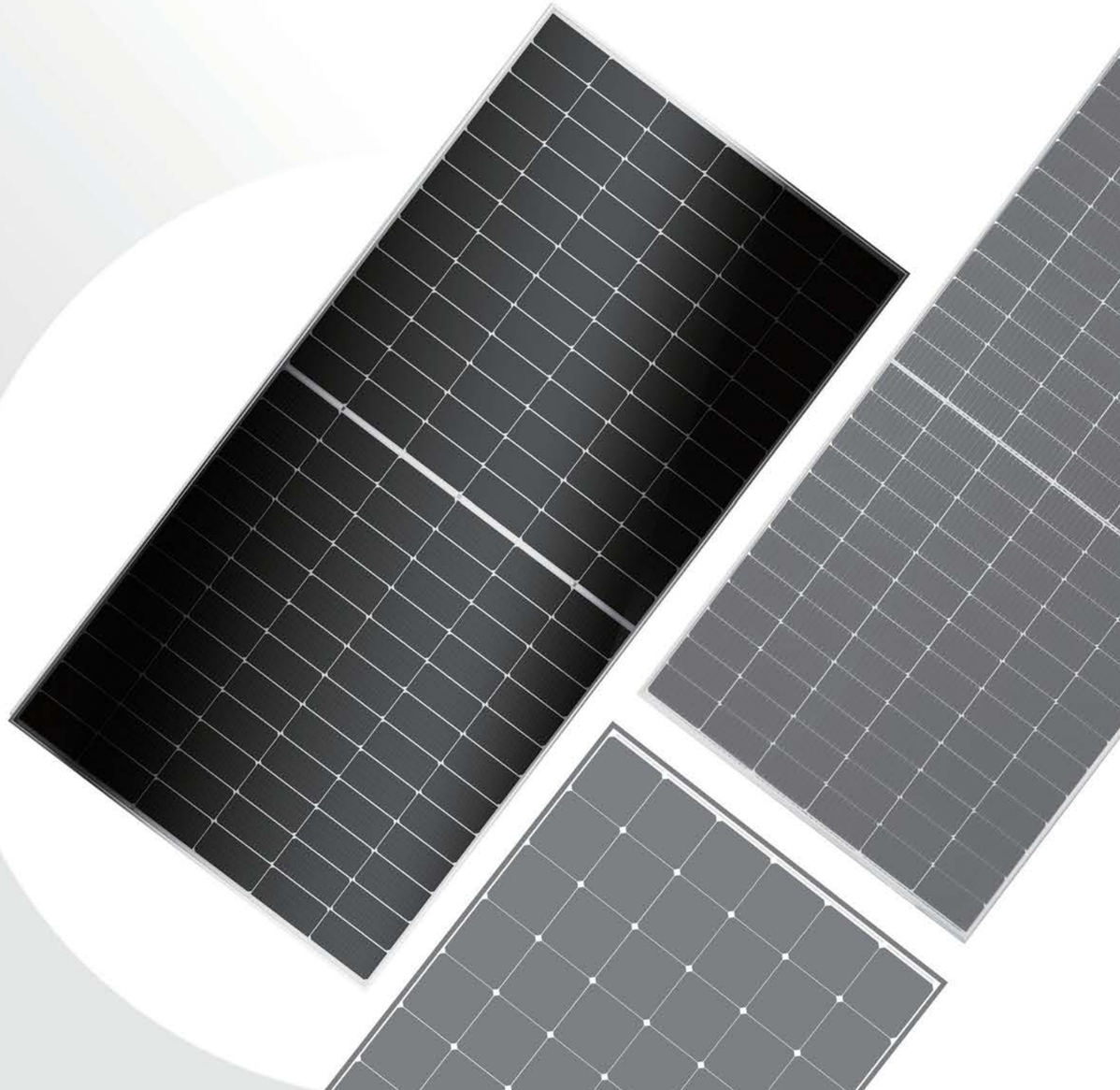
Where advanced photovoltaics merge seamlessly with architectural soul, elevating solar from a utility to a pure, aesthetic statement.

GIGA-VANTAGE: For Scenarios / Customization

Defying environmental limits—from open seas to demanding terrains—delivering specialized mastery where conventional technology surrenders.

GIGA-S: Next-Generation Technology

A pure, unhurried pursuit of performance beyond today's standards.



Application Scenario

A comprehensive product portfolio catering to almost all PV scenarios.

A multi-dimentional and customized service system.

A flexible business mode in service of diversed project types.

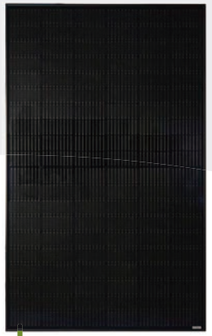
BIPV
Design & Delivery

Distributed Power Station
Engineering & Delivery

EPC Service
For all kinds of power stations

Large Power Station
Engineering & Delivery

Large Power Station
Powerful·Efficient



Residential Roof
Customizable·Chic

Industrial&Commercial Roof
Reliable·Cost-effective

BIPV
Flexible·Eco

N-type TOPCon/HJT
Revolutionary·Proven

Driven by Innovation

Committed to Innovation

Solargiga Energy's fully automated, cutting-edge production lines are compatible with 182/210mm modules among others and have been equipped with comprehensive automated testing technologies that facilitate the transition to intelligent manufacturing.Meanwhile, Solargiga Energy established its Smart PV R&D Center in 2025 to advance the development and testing of new products, processes, materials, and technologies.

Industry-University-Research Cooperation

Solargiga Energy's CNAS-certified laboratory shares product test data and enables the mutual recognition of test results, and we have established a provincial solar cell engineering technology research center in collaboration with Dalian University of Technology, with the Ministry of Science and Technology including their joint Black Silicon Solar Cell Project in the National 863 Program. Solargiga Energy has also established a BIPV research institute in conjunction with Shenyang Jianzhu University.

Constantly Upgrading Technology

Solargiga Energy has been hard at work on the innovation of large M10 and G12 modules, researching and producing N-type bifacial modules. We own the most cutting-edge N-type IBC cell technology and FPC module sealing technology.

2023

N-type TOPCon modules
Module efficiency>22.95%
Power up to 700W+

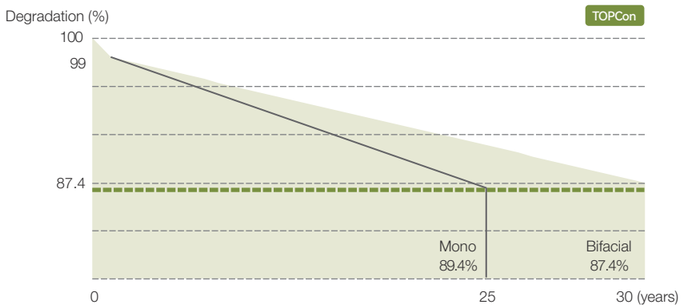
2024

N-type TOPCon-0BB Module
N-type HJT Module
Escalation iteration
Decrease cost and improve efficiency

Future

N-type BC Module
Long-term reserve of N-type technology
Develop and research 800W+ PV module and other products

Trustworthy Quality



Robust Performance Guarantee

Linear Power Warranty: 25-Year (Mono) / 30-Year (Bifacial)

N-Type Degradation: First Year ≤ 1.0% | Annual Linear Degradation ≤ 0.4%

Fully certified and insured by professional bodies

Projects Gallery

Large Power Stations

2024

Nilek, Xinjiang

1.1GW Large Power Station
660W/665W Bifacial module

2024

Chuxiong, Yunnan

150MW Large Power Station
580W N-type TOPCon Module

Projects Gallery

Large Power Stations

2024

Shawan, Xinjiang

700MW Large Power Station
655W/660W/665W Bifacial module

2024

Shanxi Yizhou

60MW Mountain power station
545W Bifacial module

Projects Gallery

Large Power Stations

2023

Florina, Greece

4.5MW Large Power Station
545W Bifacial module

2022

Mypolonga, Australia

4.95MW Large Power Station
405W Bifacial Module

Projects Gallery

Large Power Stations

2022

Shouguang, Shandong

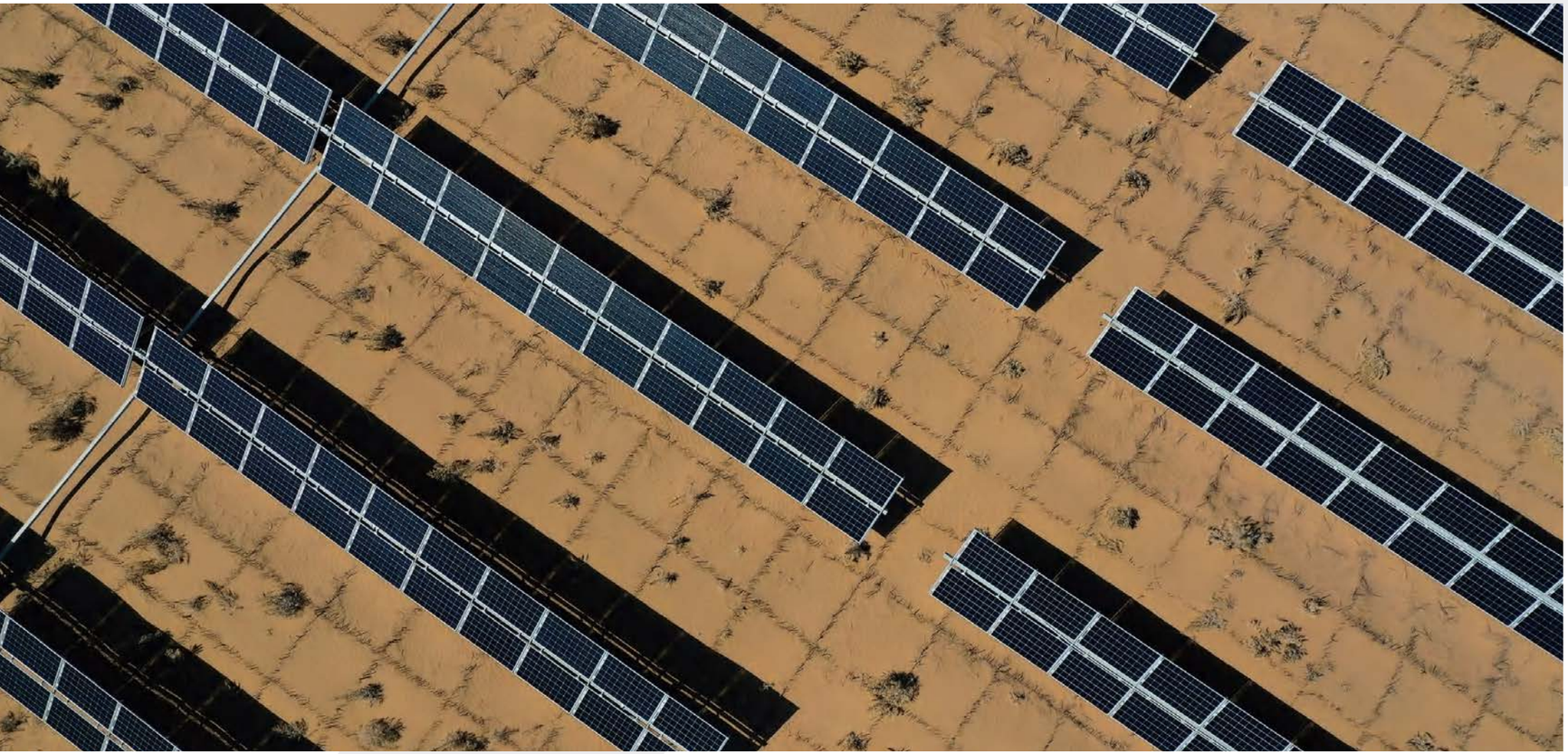
Large Power Station
655W Bifacial Module

2021

Anda, Heilongjiang

500MW Large Power Station
375W/445W Bifacial Module

Projects Gallery



2019

Dalat, Inner Mongolia

300MW Large Power Station
310W Bifacial Module

2019

Ningxin, Tianjin

30MW Large Power Station
305W Mono Module

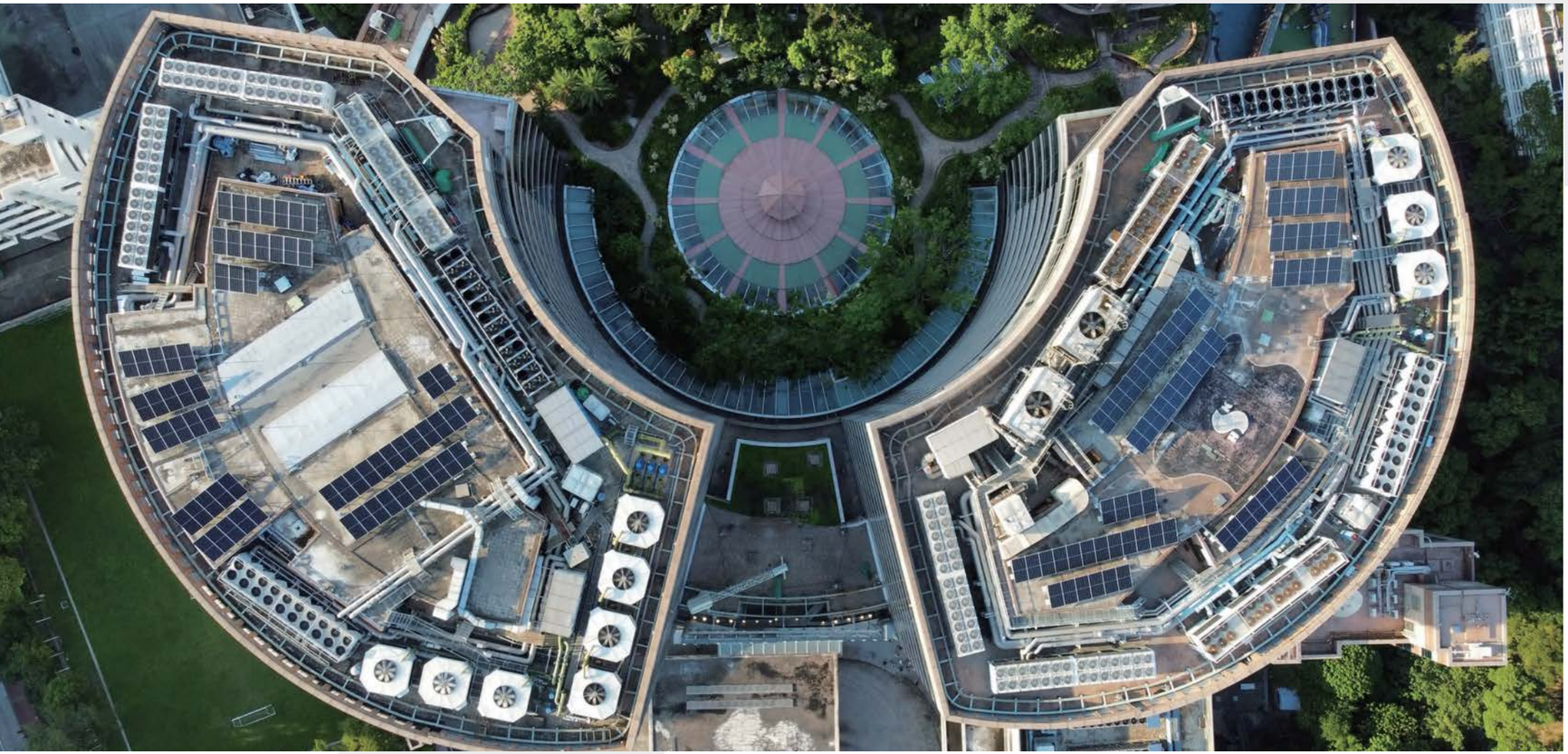
2018

Golmud, Qinghai

20MW Large Power Station
275W Mono Module

Projects Gallery

Industrial and Commercial Rooftop/Residential
Distributed Projects



2023

Mong Kok, Hong Kong

78.3kW Residential Roof
540W Mono Module

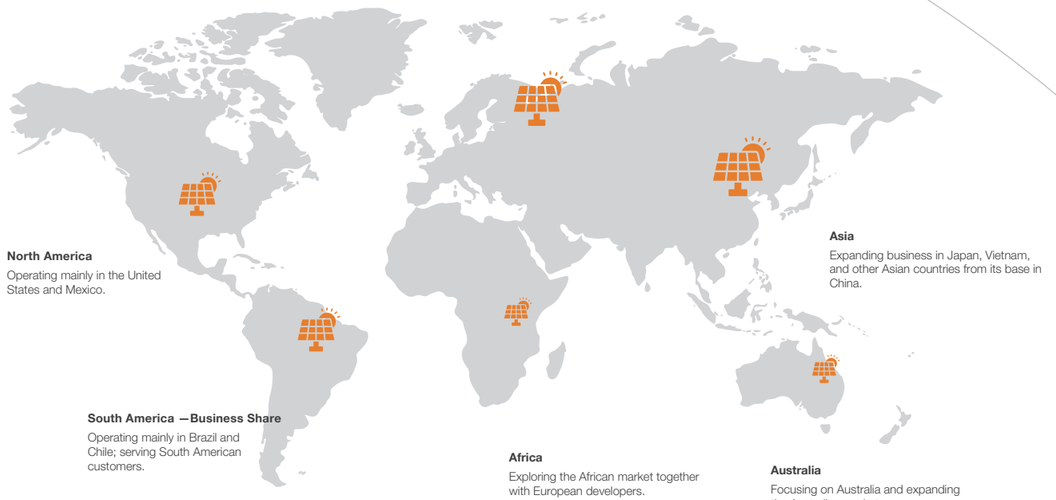
2024

Eastern Cape, South Africa

390kW Residential Roof
580W N-type TOPCon Module

Our Vision

Although proudly Chinese, Solargiga Energy has been exploring the Asian market and actively expanding into Europe, North America, Australia, and South America, strengthening its global presence and providing customers worldwide with the most competitive product and considerate service.



Europe
Operating mainly in Germany, France, Italy, and Spain.

North America
Operating mainly in the United States and Mexico.

Asia
Expanding business in Japan, Vietnam, and other Asian countries from its base in China.

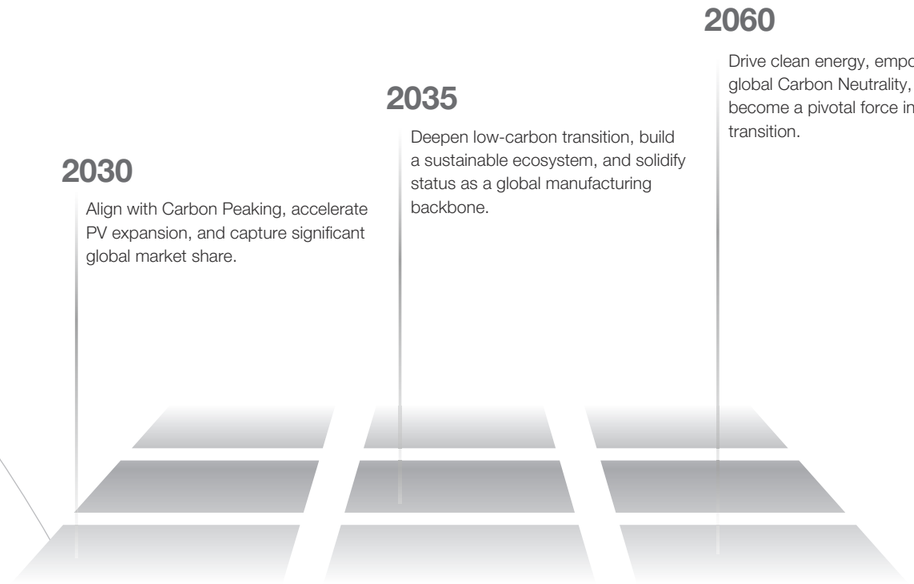
South America —Business Share
Operating mainly in Brazil and Chile; serving South American customers.

Africa
Exploring the African market together with European developers.

Australia
Focusing on Australia and expanding the Australian market.

Embrace the Future

Solargiga Energy's core business decisions are informed by sustainability, and it incorporates ESG into its strategic planning. It has worked hard to integrate green, low-carbon, sustainable development and become the world's leading manufacturer of monocrystalline silicon PV products. Solargiga Energy intends to continue to promote PV power generation as a way to facilitate the implementation of "dual carbon" initiatives, drive sustainable development, and accelerate the green, low-carbon transformation of the global energy system.



2030
Align with Carbon Peaking, accelerate PV expansion, and capture significant global market share.

2035
Deepen low-carbon transition, build a sustainable ecosystem, and solidify status as a global manufacturing backbone.

2060
Drive clean energy, empower global Carbon Neutrality, and become a pivotal force in energy transition.

ESG

Environmental, Social, and
Corporate Governance

Green Operations for a Shared Future

en.solargiga.com

Solargiga Energy has engaged independent ESG consultants to assist in preparing ESG reports and providing ESG-related consulting services, and the Board of Directors is responsible for supervising and reviewing. For more information, please refer to the ESG reports released on our official website.

Social Responsibility

We have compiled and published 9 ESG reports.

Green Production

Solargiga Energy has striven to reduce carbon emissions created in the production process. In the latest reporting year, it registered greenhouse gas emissions of 37,673 tons and a total water consumption of 160,358.51 cubic meters. The Company has formulated Energy Management Rules to minimize raw water consumption and promoted a series of water-saving measures, such as the recycling of ultra-pure water used in production.

Quality Control

Product quality has always been a priority for us. During the reporting period, Solargiga Energy did not recall any products for health and safety reasons. The GIGA series modules are certified by VDE, TÜV Rheinland, and CTC, with reliability verified through tests 5-10 times stricter than IEC standards. Supply chain management covers 33 core suppliers, prioritizing partners with environmental certifications.

Innovation

As of today, we have invested over RMB 920 million in R&D, employing more than 340 R&D technicians, obtaining over 150 authorized and 400 national patents, and over 50 provincial and municipal science and technology awards.

Employee Development

Solargiga Energy believes its employees are its most valuable asset and the greatest contributors to business success. In the last reporting period, the Company offered a total of 65,753 hours of training for employees.

Social Responsibility in Action

Solargiga Energy continuously invests in community education, infrastructure, and research, while incorporating green finance into its strategy to reduce emissions in construction with PV building materials.